

Criterion D: Product design

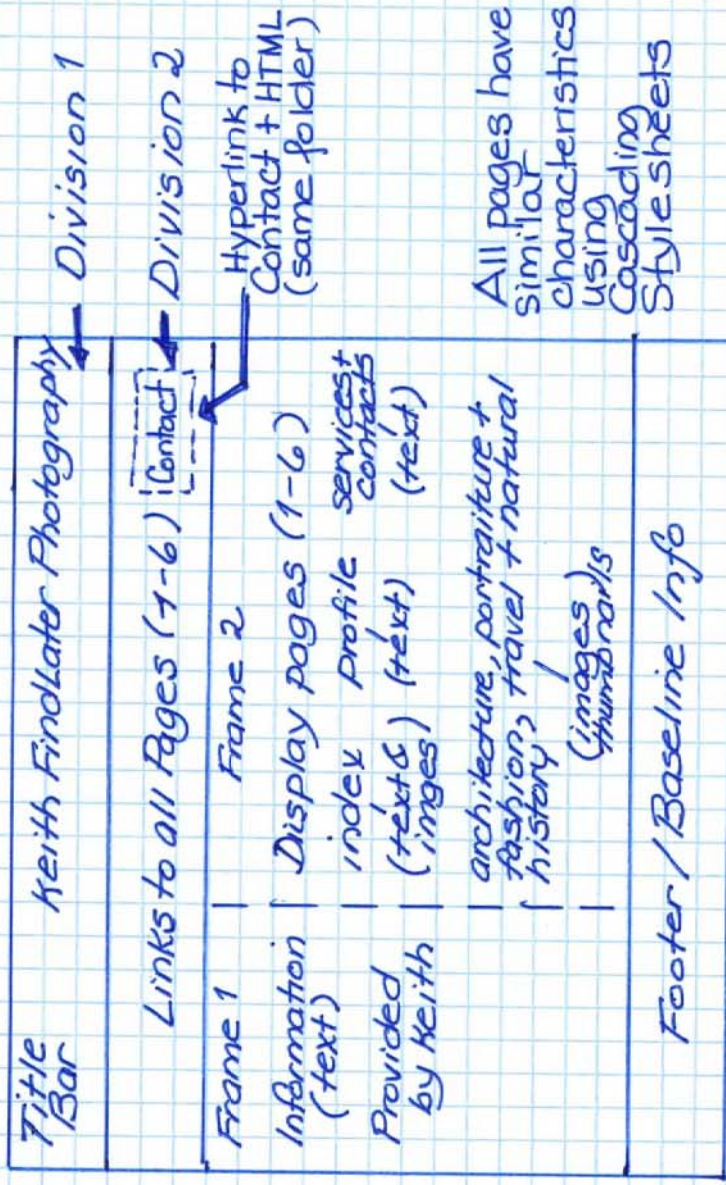
Overall structure

The following sketches show the design of the website that was approved by Keith Findlater.

Overall Structure for Keith Findlater's Website [1]

Use of
Template for
each page

1. index
2. profile
3. architecture
4. portraiture + fashion
5. travel + natural history
6. services + contacts

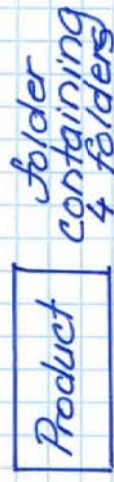


Template created before 1st page developed
Use Dreamweaver

All text and images provided by Keith

Overall Structure of the Website [2]

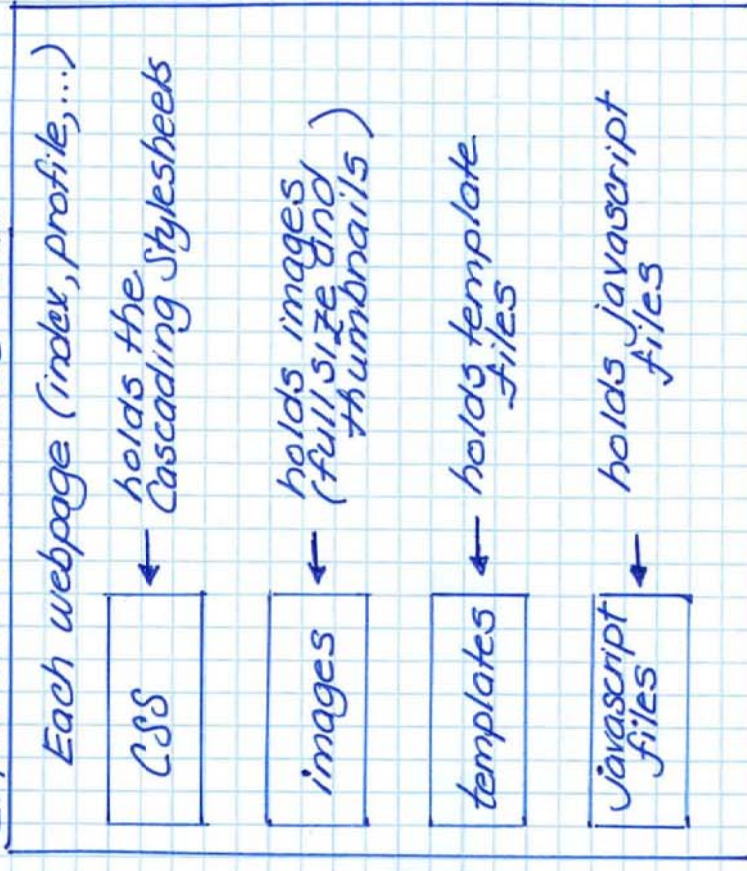
Folders



Note

Additional folders may be created to hold test files

Explanation of Product Folder



Website Processes (CSS/Rendering)

Cascading Style Sheets

Overall
Background Color - Black
Text - Yellow
Links - Gray

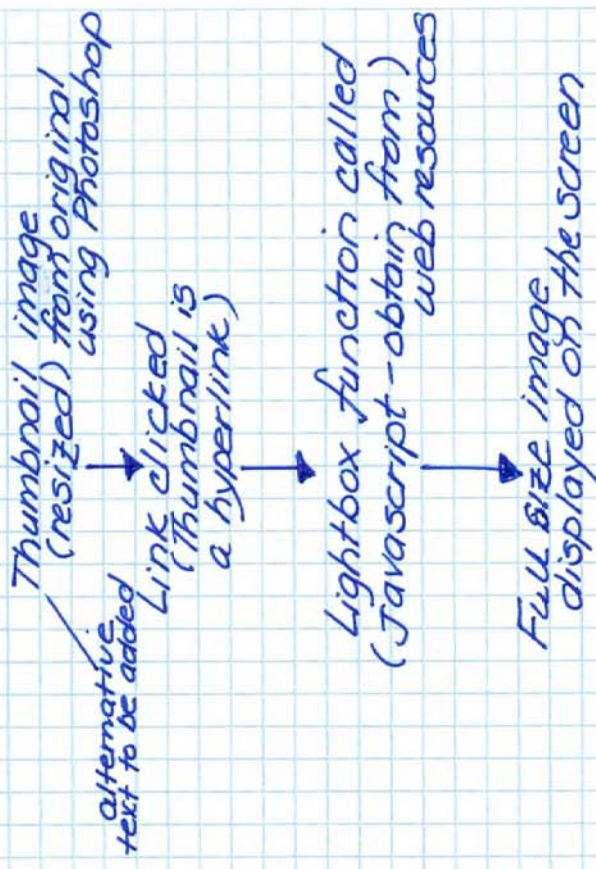
Frame 1
Background Color - Yellow
Text - Black
Links - Red

Frame 2
As in overall
except Links - Red

Information based on
discussions website
developer (me) and client
(Keith)

* Final appearance of the
website will depend on
consultation during the
development of the
website and possible
technical issues

Image Rendering



Internal structure

index (home)

| | |
|--------------------------|---|
| TITLE BAR | |
| LINKS TO ALL OTHER PAGES | |
| Text provided by Keith | Text provided by Keith |
| | Images provided by Keith for thumbnails |
| BASELINE INFO | |

profile

| | |
|--------------------------|------------------------|
| TITLE BAR | |
| LINKS TO ALL OTHER PAGES | |
| Text provided by Keith | Text provided by Keith |
| BASELINE INFO | |

architecture

| | |
|--------------------------|----|
| TITLE BAR | |
| LINKS TO ALL OTHER PAGES | |
| Text provided by Keith | Th |
| | Th |
| | Th |
| | Th |
| BASELINE INFO | |

portraiture + fashion

| | | | |
|--------------------------|----|----|----|
| TITLE BAR | | | |
| LINKS TO ALL OTHER PAGES | | | |
| Text provided by Keith | Th | Th | Th |
| | Th | Th | Th |
| | Th | Th | Th |
| | Th | Th | Th |
| BASELINE INFO | | | |

Nature + natural history

| | |
|--------------------------|----|
| TITLE BAR | |
| LINKS TO ALL OTHER PAGES | |
| Text provided by Keith | Th |
| | Th |
| | Th |
| | Th |
| BASELINE INFO | |

services + contact

| | |
|--------------------------|------------------------|
| TITLE BAR | |
| LINKS TO ALL OTHER PAGES | |
| Text provided by Keith | Text provided by Keith |
| BASELINE INFO | |

Th – thumbnail image that renders on a click into a full size image in a new frame

List of resources and techniques

| Resources | Details |
|----------------------------|---|
| Lightbox2 Javascript files | Allows the images to be rendered in a new window Obtained from http://www.huddlettogether.com/projects/lightbox2/ |
| Data | Images files: Keith to provide these files |

| Techniques | Details |
|---|--|
| Manipulation of graphics | Resizing of images to reduce file space and speed up loading to Internet |
| Use of Javascript to customize pages and improve functionality | To enable image to appear on screen in a way similar to a pop up |
| Manipulation of HTML to customize pages and improve functionality | To improve the visibility to search engines |
| Use of Cascading style sheets | To ensure consistency across each of the webpages |
| Editing the code in the template in the editable sub-regions | To create customized webpages |
| Creation of e-mail link | To enable prospective customers to be able to contact Keith |
| Use of rollover image | Provide information about the image when the user hovers the mouse over them |

Test plan

| Test item | Test data | Part of system tested | Expected outcome | Actual outcome | Comments | Ref in product |
|---|---|---|---|----------------|---------------------------------------|----------------|
| Cover page testing – REQUIRED ELEMENT FOR CRITERION G | | | | | | |
| Webpages load from the cover page in three different locations | File naming to ensure homepage is called Index.htm | Links on cover page are relative | Loads as required from 3 different locations | Yes | | |
| Product testing | | | | | | |
| Hyperlinks between pages function | Links between pages | Hyperlinks | Links function as planned | Yes | | |
| Customised style sheet (1) | Webpages | Link to stylesheet in page headers | All pages have house style | Yes | | |
| Customised style sheet (2) | .css file | Content of .css file | All components of file appear on webpages | Yes | | |
| Links to images | Images and links to them | File naming convention and hyperlink target | Images load either in new window | Yes | | |
| e-mail link to Keith | e-mail hyperlink | Button or hyperlink | Compose e-mail message box appears | No | Disabled by student on Keith's wishes | |

Agreement of client

I confirm that the requirement specification meets my needs and the designs above are appropriate for the creation of the product.

Keith Findlater
(Client)

4 marks

The product design form was used and the four components (overall structure, internal structure, list of resources, and list of techniques) are included along with the test plan and agreement of the client.

Sketches of the overall structure are included and annotated with notes. Within the sketches and the internal structure, there is a clear indication of the advanced techniques being used (ie cascading style sheets, Javascript).

The internal structure shows a consistent approach to the design of the web pages and relates to the sketches for the overall structure.

Some of the resources are indicated, but not the source of the information for all of the web pages. In this case, it would also come from the client, but this needs to be clearly stated.

A test plan has been devised and there is a clear indication that the test plan has been used.

Although there are minor omissions, the best fit is 4 marks.